CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields STATE MA FIELD OFFICE All DATE 7/30/02 PRACTICE: 332 Contour Buffer Strips NOTES: RESOURCE: SOIL RESOURCE CONCERN: EROSION RESOURCE INDICATORS PHYSICAL EFFECTS SHEET AND RILL Significant reduction in sheet and rill crosion WIND Slight reduction in wind erosion EPHEMERAL GULLY moderate reduction in ephemeral gully erosion EPHEMERAL GULLY insignificant STREAMBANK insignificant RRIGATION INDUCED N/A SOIL MASS MOVEMENT insignificant ROADBANK/CONSTRUCTION N/A SOIL TILTH moderate improvement in tilth SOIL COMPACTION moderate reduction in soil compaction SOIL CONTAMINATION SOIL CONTAMINATION insignificant SOIL CONTAMINATION insignificant SOIL CONTAMINATION insignificant SOIL CONTAMINATION insignificant SOIL CONTER ORGANICS insignificant SOIL CONTER SOURCE WATER RESOURCE WATER RESOURCE WATER
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RESOURCE CONCERN: WATER QUANTITY
SEEPS moderate reduction in seepage hazard
RUNOFF/FLOODING sign. decrease in runoff/flooding
EXCESS SUBSURFACE WATER moderate increase in excess subsurface water
INADEQUATE OUTLETS slight improvement in H20 outlet concern
WATER MGT. IRRIGATION
• SURFACE N/A
• SPRINKLER N/A
WATER MGT. NON-IRRIGATED moderate improvement in moisture use
RESTRICTED FLOW CAPACITY (H20 convey.)
ONSITE slight improvement in onsite drainage
OFFSITE slight improvement in offsite drainage
RESTRICTED STORAGE sign. reduction in sedimentation of H20 storage
OTHER

RESOURCE CONCERN: WATER Q RESOURCE INDICATORS GROUNDWATER CONTAMINANTS PESTICIDES NUTRIENTS AND ORGANICS SALINITY NAME OF THE CONCERN: WATER Q	PHYSICAL EFFECTS (A) (A)
GROUNDWATER CONTAMINANTS • PESTICIDES N/ • NUTRIENTS AND ORGANICS N/ • SALINITY N/	/A /A
 PESTICIDES NUTRIENTS AND ORGANICS SALINITY N/ 	'A 'A
NUTRIENTS AND ORGANICS N/ SALINITY N/	'A 'A
• SALINITY N/	'A
TIPLITY COMMITTEE	'A
• HEAVY METALS N	
• PATHOGENS N/	'A
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES N	'A
NUTRIENTS AND ORGANICS N/	'A
• SUSPENDED SEDIMENTS N/	'A
LOW DESOLVED OXYGEN N/	'A
• SALINITY N	'A
HEAVY METALS N/	'A
• WATER TEMPERATURE N/	'A
• PATHOGENS N/	'A
AQUATIC HABITAT SUITABILITY N/	'A
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALITY	
AIRBORNE SEDIMENT AND SMOKE	
PARTICLES	
ONSITE SAFETY N	'A
OFFSITE SAFETY N	/A
ONSITE STRUCT. PROBLEMS	'A
OFFSITE STRUCT. PROBLEMS N	'A
ONSITE HEALTH N	'A
OFFSITE HEALTH N	'A
AIRBORNE SEDIMENT CAUSING N/	'A
CONVEYANCE PROBLEMS	
AIRBORNE CHEMICAL DRIFT N/	'A
AIRBORNE ODORS N/	
FUNGI, MOLDS, AND POLLEN N/	'A
OTHER	
RESOURCE CONCERN: AIR CONDITION	ON
AIR TEMPERATURE NA	'A
AIR MOVEMENT (windbreak effect) N/	
HUMIDITY N	'A
OTHER	

RESOURCE: PLANT		
RESOURCE CONCERN: SUITABILITY		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SITE ADAPTATION	N/A	
PLANT USE	N/A	
OTHER		
RESOURCE CONCERN: CONDITIO	N N	
PRODUCTIVITY	N/A	
HEALTH, VIGOR, SURVIVAL	N/A	
OTHER		
RESOURCE CONCERN: MANAGEM	IENT	
ESTAB., GROWTH, HARVEST	N/A	
NUTRIENT MANAGEMENT	N/A	
PESTS	N/A	
THREAT/ENDANGERED PLANTS	N/A	
OTHER		
RESOURCE: ANIMAL		
RESOURCE CONCERN: HABITAT		
FOOD	N/A	
COVER/SHELTER	N/A	
WATER (QUANTITY & QUALITY)	N/A	
OTHER		
RESOURCE CONCERN: MANAGEM	IENT	
POPULATION BALANCE	N/A	
THREAT/ENDANGERED ANIMALS	N/A	
HEALTH	N/A	
OTHER		
RESOURCE: HUMAN		
RESOURCE CONCERNS: ECONOM	IC CONSIDERATIONS	
PLAN / COST EFFECTIVENESS	N/A	
CLIENT FINANCIAL CONDITION	N/A	
MARKETS FOR PRODUCTS	N/A	
AVAILABLE LABOR	N/A	
AVAILABLE EQUIPMENT	N/A	

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	N/A	
PRIVATE/PUBLIC VALUES	N/A	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	N/A	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A	
SIGNIFICANCE OF CULTURAL RESOURCES	N/A	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A	
OTHER		